L Number	Hits	Search Text	DB	Time stamp
-	80	703/3.ccor.	USPAT; US-PGPUB	2004/10/25 09:17
-	82	703/4.ccor.	USPAT; US-PGPUB	2004/10/25 09:06
-	8	(("6528799") or ("6469793") or ("6177218") or ("5891605") or ("5596413") or ("5654540") or ("5631721") or ("5684566")).PN.	USPAT; US-PGPUB	2004/10/25 16:55
-	1096	kalman and estimator	USPAT; US-PGPUB	2004/10/25 09:22
-	12	(kalman and estimator) and (lithography photolithography)	USPAT; US-PGPUB	2004/10/25 14:57
-	1467	kalman and detector	USPAT; US-PGPUB	2004/10/25 09:22
-	26	(kalman and detector) and (lithography photolithography)	USPAT; US-PGPUB	2004/10/25 09:56
-	17	((kalman and detector) and (lithography photolithography)) and @ad<=20010829	USPAT; US-PGPUB	2004/10/25 09:55
-	8385	scalpel	USPAT; US-PGPUB	2004/10/25 09:55
-	3	(scalpel and (lithography photolithography)) and kalman	USPAT; US-PGPUB	2004/10/25 12:12
-	63	700/30.ccor.	USPAT; US-PGPUB	2004/10/25 09:58
-	1	6609036.URPN.	USPAT	2004/10/25 10:17
-	12	("5115391" | "5654907" | "5682309" | "5687077" | "5865665" | "5918200" | "6092033" | "6163730" | "6285971" | "6519498" | "6584369" | "6609036" | "2002/0026249").PN.	USPAT	2004/10/25 10:17
-	504	scalpel and wafer	USPAT; US-PGPUB	2004/10/26 10:19
-	1	(scalpel and wafer) and kalman	USPAT; US-PGPUB	2004/10/25 12:52
-	276	703/13.ccor.	USPAT; US-PGPUB	2004/10/25 12:53
-	218	708/300.ccor.	USPAT; US-PGPUB	2004/10/26 10:21
-	524	adaptive same kalman	USPAT; US-PGPUB	2004/10/26 11:08
-	2	(adaptive same kalman) and scalpel	USPAT; US-PGPUB	2004/10/26 10:23
-	4	(adaptive same kalman) and (lithography photolithography)	USPAT; US-PGPUB	2004/10/26 10:24
-	259	scalpel and (lithography photolithography)	USPAT; US-PGPUB	2004/10/26 11:08
-	71	adaptive adj kalman	USPAT; US-PGPUB	2004/10/26 11:08
-	1	(adaptive adj kalman) and (lithography photolithography)	USPAT; US-PGPUB	2004/10/26 11:09
-	52	(adaptive adj kalman) and model	USPAT; US-PGPUB	2004/10/26 11:09
-	26	(adaptive adj kalman) and strength	USPAT; US-PGPUB	2004/10/26 11:10
-	13	((adaptive adj kalman) and strength) and @ad<=20010226	USPAT; US-PGPUB	2004/10/26 11:11
-	660	430/30.ccor.	USPAT; US-PGPUB	2004/10/29 12:33

		Results
9.	(((pub-date > 1949 and pub-date < 2002 and FULL-TEXT(kalman filter) and FULL-TEXT(model)) and adaptive) and beam) and electron *[All Sources(- All Sciences -)]*	16
8.	((pub-date > 1949 and pub-date < 2002 and FULL-TEXT(kalman filter) and FULL-TEXT(model)) and adaptive) and beam *[All Sources(- All Sciences -)]*	77
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4.	pub-date > 1949 and pub-date < 2002 and FULL-TEXT(scalpel) and FULL-TEXT(model) *[All Sources(- All Sciences -)]*	4075
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1 **Etch profile control of high-aspect ratio deep submicrometer α-Si gate etch**
Hyun-Mog Park; Grimard, D.S.; Grizzle, J.W.; Terry, F.L., Jr.;
Semiconductor Manufacturing, IEEE Transactions on , Volume: 14 , Issue: 3 , Aug. 2001
Pages:242 - 254

[Abstract] [PDF Full-Text (264 KB)] IEEE JNL

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2 **Subject Index**

Proceedings of the IEEE , Volume: 89 , Issue: 12 , Dec. 2001
Pages:1864 - 1902

[Abstract] [PDF Full-Text (282 KB)] IEEE JNL

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3 **Shape-based optimal estimation and design of curve evolution processes with application to plasma etching**
Berg, J.M.; Zhou, N.;
Automatic Control, IEEE Transactions on , Volume: 46 , Issue: 12 , Dec. 2001
Pages:1862 - 1873

[Abstract] [PDF Full-Text (303 KB)] IEEE JNL

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4 **Subject Index**

Semiconductor Manufacturing, IEEE Transactions on , Volume: 14 , Issue: 4 , Nov. 2001
Pages:423 - 428

[Abstract] [PDF Full-Text (48 KB)] IEEE JNL

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5 **IEEE transactions on magnetics cumulative index 1985-2000 volumes 21-36 [Subject Index]**

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 6 , Nov 2001
Pages:467 - 1288

[Abstract] [PDF Full-Text (7236 KB)] IEEE JNL

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6 **Time-frequency formulation, design, and implementation of time-varying optimal filters for signal estimation**
Hlawatsch, F.; Matz, G.; Kirchauer, H.; Kozek, W.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 48 , Issue: 5 , May 2000
Pages:1417 - 1432

[Abstract] [PDF Full-Text (584 KB)] IEEE JNL

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7 **Adaptive optimization of run-to-run controllers: the EWMA example**
Patel, N.S.; Jenkins, S.T.;
Semiconductor Manufacturing, IEEE Transactions on , Volume: 13 , Issue: 1 , Feb. 2000
Pages:97 - 107

[Abstract] [PDF Full-Text (252 KB)] IEEE JNL

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8 **Subject Index**

Biomedical Engineering, IEEE Transactions on , Volume: 47 , Issue: 12 , Dec. 2000
Pages:1628 - 1647

[Abstract] [PDF Full-Text (164 KB)] IEEE JNL

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9 **Curve evolution models for real-time identification with application to plasma etching**
Berg, J.; Yezzi, A.; Tannenbaum, A.;
Automatic Control, IEEE Transactions on , Volume: 44 , Issue: 1 , Jan. 1999
Pages:99 - 102

[Abstract] [PDF Full-Text (188 KB)] IEEE JNL

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10 **Robustifying nonlinear systems using high-order neural network controllers**
Rovithakis, G.A.;
Automatic Control, IEEE Transactions on , Volume: 44 , Issue: 1 , Jan. 1999
Pages:102 - 108

[Abstract] [PDF Full-Text (244 KB)] IEEE JNL

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11 **Subject Index**

Proceedings of the IEEE , Volume: 87 , Issue: 12 , Dec. 1999
Pages:Ind-13 - Ind-50

[Abstract] [PDF Full-Text (568 KB)] IEEE JNL

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12 **1998 Index Proceedings Of The Ieee Vols. 84-86**

Proceedings of the IEEE , Volume: 86 , Issue: 12 , Dec. 1998
Pages:0_3 - 0_53

[Abstract] [PDF Full-Text (752 KB)] IEEE JNL

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13 **Optimal seismic deconvolution: distributed algorithms**
Plataniotis, K.N.; Katsikas, S.K.; Lainiotis, D.G.; Venetsanopoulos, A.N.;
Geoscience and Remote Sensing, IEEE Transactions on , Volume: 36 , Issue: 3 , May 1998
Pages:779 - 792

[Abstract] [PDF Full-Text (392 KB)] IEEE JNL

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14 **Subject Index**

Magnetics, IEEE Transactions on , Volume: 34 , Issue: 6 , Nov. 1998
Pages:33 - 103

[Abstract] [PDF Full-Text (952 KB)] IEEE JNL

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15 **Chaos in MEMS, parameter estimation and its potential application**
Wang, Y.C.; Adams, S.G.; Thorp, J.S.; MacDonald, N.C.; Hartwell, P.; Bertsch, F.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 45 , Issue: 10 , Oct. 1998
Pages:1013 - 1020

[Abstract] [PDF Full-Text (320 KB)] IEEE JNL

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16 **1997 Index Proceedings Of The IEEE Vols. 83-85**

Proceedings of the IEEE , Volume: 85 , Issue: 12 , Dec. 1997
Pages:1 - 47

[Abstract] [PDF Full-Text (1884 KB)] IEEE JNL

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17 **1997 Index IEEE Transactions On Instrumentation And Measurement Vol. 46**

Instrumentation and Measurement, IEEE Transactions on , Volume: 46 , Issue: 6 , Dec. 1997
Pages:1 - 37

[Abstract] [PDF Full-Text (1464 KB)] IEEE JNL

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18 **Control of photoresist properties: a Kalman filter based approach**
Palmer, E.; Wei Pen; Spanos, C.J.;
Semiconductor Manufacturing, IEEE Transactions on , Volume: 9 , Issue: 2 , May 1996
Pages:208 - 214

[Abstract] [PDF Full-Text (660 KB)] IEEE JNL

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1 **IEEE transactions on magnetics cumulative index 1985-2000 volumes 21-36 [Subject Index]**

Magnetics, IEEE Transactions on , Volume: 37 , Issue: 6 , Nov 2001
Pages:467 - 1288

[Abstract] [PDF Full-Text (7236 KB)] IEEE JNL

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2 **Time-frequency formulation, design, and implementation of time-varying optimal filters for signal estimation**
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Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 48 , Issue: 5 , May 2000
Pages:1417 - 1432

[Abstract] [PDF Full-Text (584 KB)] IEEE JNL

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3 **Adaptive optimization of run-to-run controllers: the EWMA example**
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4 **Curve evolution models for real-time identification with application to plasma etching**
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5 **Robustifying nonlinear systems using high-order neural network controllers**
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Automatic Control, IEEE Transactions on , Volume: 44 , Issue: 1 , Jan. 1999
Pages:102 - 108

[Abstract] [PDF Full-Text (244 KB)] IEEE JNL

6 **Optimal seismic deconvolution: distributed algorithms**
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Geoscience and Remote Sensing, IEEE Transactions on , Volume: 36 , Issue: 3 , May 1998
Pages:779 - 792

[Abstract] [PDF Full-Text (392 KB)] IEEE JNL

7 **Subject Index**

Magnetics, IEEE Transactions on , Volume: 34 , Issue: 6 , Nov. 1998
Pages:33 - 103

[Abstract] [PDF Full-Text (952 KB)] IEEE JNL

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1 **Limits of lithography**
Harriott, L.R.;
Proceedings of the IEEE , Volume: 89 , Issue: 3 , March 2001
Pages:366 - 374

[Abstract] [PDF Full-Text (136 KB)] IEEE JNL

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2 **Flexible polyimide-based intracortical electrode arrays with bioactive capability**
Rousche, P.J.; Pellinen, D.S.; Pivin, D.P., Jr.; Williams, J.C.; Vetter, R.J.; kirke, D.R.;
Biomedical Engineering, IEEE Transactions on , Volume: 48 , Issue: 3 , March 2001
Pages:361 - 371

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3 **An integrated plasma equipment - feature scale model for the Bosch deep Si etch process**
Rauf, S.; Ventzek, P.L.G.; Dauksher, W.J.;
Pulsed Power Plasma Science, 2001. IEEE Conference Record - Abstracts , 17-22 June 2001
Pages:474

[Abstract] [PDF Full-Text (58 KB)] IEEE CNF

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4 **History of optical trapping and manipulation of small-neutral particle, atoms, and molecules**
Ashkin, A.;
Selected Topics in Quantum Electronics, IEEE Journal of , Volume: 6 , Issue: 6 , Nov.-Dec. 2000
Pages:841 - 856

[Abstract] [PDF Full-Text (256 KB)] IEEE JNL

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5 **Simulation of Coulomb interactions in electron projection lithography using scattering contrast**
Yamashita, H.; Munro, E.; Rouse, J.; Nomura, E.; Kobinata, H.; Nakajima, K.; Nozue, H.;
Microprocesses and Nanotechnology Conference, 2000 International , 11-13 July 2000
Pages:136 - 137

[Abstract] [PDF Full-Text (128 KB)] IEEE CNF

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6 **Critical dimension issues for 200 mm electron projection masks**

Resnick, D.J.; Nordquist, K.; Dauksher, W.J.; Ainley, E.; Lu, B.; Mangat, P.; Weisbrod, E.; Martin, C.; Wei, A.; Englestad, R.; Lovell, E.; Ivin, V.;
Microprocesses and Nanotechnology Conference, 2000 International , 11-13 July 2000
Pages:120 - 121

[Abstract] [PDF Full-Text (160 KB)] IEEE CNF

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7 **Simulation of electron and ion beam optics for high throughput lithography**
Zhu, X.; Liu, H.; Munro, E.; Rouse, J.;
Microprocesses and Nanotechnology Conference, 2000 International , 11-13 July 2000
Pages:134 - 135

[Abstract] [PDF Full-Text (208 KB)] IEEE CNF

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8 **EB projection lithography for 60-80 nm ULSI fabrication**
Tokunaga, K.; Koba, F.; Miyasaka, M.; Takaishi, Y.; Noda, K.; Yamashita, H.; Nakajima, K.; Nozue, H.;
VLSI Technology, 2000. Digest of Technical Papers. 2000 Symposium on , 13-15 June 2000
Pages:54 - 55

[Abstract] [PDF Full-Text (312 KB)] IEEE CNF

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9 **Electron scattering and related phenomena in SCALPEL™**
Mkrtchyan, M.M.;
Microprocesses and Nanotechnology Conference, 2000 International , 11-13 July 2000
Pages:118

[Abstract] [PDF Full-Text (64 KB)] IEEE CNF

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10 **A uniform, large-area thermionic cathode as a high emittance electron source for the SCALPEL(R) tool**
Katsap, V.; Sewell, P.B.; Kwaskiewicz, W.K.; Zhu, W.;
Vacuum Electronics Conference, 2000. Abstracts. International , 2-4 May 2000
Pages:2 pp.

[Abstract] [PDF Full-Text (236 KB)] IEEE CNF

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11 **Contrast evaluation of SCALPEL GHOST method in 100 kV electron projection lithography**
Koba, F.; Yamashita, H.; Nomura, E.; Nakajima, K.; Nozue, H.;
Microprocesses and Nanotechnology Conference, 2000 International , 11-13 July 2000
Pages:122 - 123

[Abstract] [PDF Full-Text (128 KB)] IEEE CNF

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12 **Grid-controlled 100-kV electron-beam source for SCALPEL [lithography]**
Katsap, V.; Waskiewicz, W.K.; Sewell, P.B.; Rouse, J.A.; Read, F.H.;
Vacuum Electronics Conference, 2000. Abstracts. International , 2-4 May 2000
Pages:2 pp.

[Abstract] [PDF Full-Text (192 KB)] IEEE CNF

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13 **A new role for e-beam: electron projection**
Harriott, L.R.;
Spectrum, IEEE , Volume: 36 , Issue: 7 , July 1999
Pages:41 - 45

[Abstract] [PDF Full-Text (512 KB)] IEEE JNL

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14 **Extreme ultraviolet lithography**
Stulen, R.H.; Sweeney, D.W.;
Quantum Electronics, IEEE Journal of , Volume: 35 , Issue: 5 , May 1999
Pages:694 - 699

[Abstract] [PDF Full-Text (304 KB)] IEEE JNL

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15 **CMOS technology-year 2010 and beyond**

Iwai, H.;
Solid-State Circuits, IEEE Journal of , Volume: 34 , Issue: 3 , March 1999
Pages:357 - 366

[Abstract] [PDF Full-Text (240 KB)] IEEE JNL

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16 **Spatial distribution of mask-scattered electrons through scattering stencil mask**
Yamashita, H.; Manako, S.; Nomura, E.; Nakajima, K.; Nozue, H.;
Microprocesses and Nanotechnology Conference, 1999. Digest of Papers. Microprocesses and Nanotechnology '99. 1999 International , 6-8 July 1999
Pages:30 - 31

[Abstract] [PDF Full-Text (108 KB)] IEEE CNF

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17 **SCALPEL: projection electron beam lithography**
Harriott, L.R.;
Particle Accelerator Conference, 1999. Proceedings of the 1999 , Volume: 1 , 27 March-2 April 1999
Pages:595 - 599 vol.1

[Abstract] [PDF Full-Text (608 KB)] IEEE CNF

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18 **Impact of high resolution lithography on IC mask design**
Pugh, G.; Canning, J.; Roman, B.;
Custom Integrated Circuits Conference, 1998., Proceedings of the IEEE 1998 , 11-14 May 1998
Pages:149 - 153

[Abstract] [PDF Full-Text (572 KB)] IEEE CNF

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19 **A history of the invention of the transistor and where it will lead us**
Brinkman, W.F.; Haggan, D.E.; Troutman, W.W.;
Solid-State Circuits, IEEE Journal of , Volume: 32 , Issue: 12 , Dec. 1997
Pages:1858 - 1865

[Abstract] [PDF Full-Text (160 KB)] IEEE JNL

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20 **Back cover**

Lightwave Technology, Journal of , Volume: 4 , Issue: 12 , Dec 1986
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[Abstract] [PDF Full-Text (3344 KB)] IEEE JNL

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1 **Asymptotic theory of greedy approximations to minimal k-point random graphs**
Hero, A.O., III.; Michel, O.J.J.;
Information Theory, IEEE Transactions on , Volume: 45 , Issue: 6 , Sept. 1999
Pages:1921 - 1938

[Abstract] [PDF Full-Text (628 KB)] IEEE JNL

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1 Confidence intervals for univariate discrete-event simulation output using the Kalman filter
Randall B. Howard, Mark A. Gallagher, Kenneth W. Bauer, Peter S. Maybeck
December 1992 **Proceedings of the 24th conference on Winter simulation**
Full text available: pdf(737.93 KB) Additional Information: full citation, references, citings, index terms

2 Adaptive joint multiuser detection and channel estimation in multipath fading CDMA channels
Xiaodong Wang, H. Vincent Poor
November 1998 **Wireless Networks**, Volume 4 Issue 6
Full text available: pdf(387.24 KB) Additional Information: full citation, abstract, references, citings, index terms

The problem of joint multiuser detection and channel estimation in frequency-selective Rayleigh fading CDMA channels is considered. First the optimal multiuser detector for such channels is derived, which is seen to have a computational complexity exponential in the product of the number of users and the length of the transmitted data sequence. Two suboptimal detectors are then developed and analyzed, both of which employ decorrelating filters at the front-ends to eliminate the multiple-acc ...

3 A control-theoretic approach to flow control
S. Keshav
January 1995 **ACM SIGCOMM Computer Communication Review**, Volume 25 Issue 1
Full text available: pdf(1.32 MB) Additional Information: full citation, abstract, index terms

This paper presents a control-theoretic approach to reactive flow control in networks that do not reserve bandwidth. We assume a round-robin-like queue service discipline in the output queues of the network's switches, and propose deterministic and stochastic models for a single conversation in a network of such switches. These models motivate the Packet-Pair rate probing technique, and a provably stable rate-based flow control scheme. A Kalman state estimator is derived from discrete-time state ...

4 The computation of optical flow
S. S. Beauchemin, J. L. Barron
September 1995 **ACM Computing Surveys (CSUR)**, Volume 27 Issue 3
Full text available: pdf(3.06 MB) Additional Information: full citation, abstract, references, citings, index terms

Two-dimensional image motion is the projection of the three-dimensional motion of objects, relative to a visual sensor, onto its image plane. Sequences of time-orderedimages allow the estimation of projected two-dimensional image motion as either instantaneous image velocities or discrete image displacements. These are usually called the optical flow field or the image velocity field. Provided that optical flow is a reliable approximation to two-dimensional ...

5 SCAAT: incremental tracking with incomplete information
Greg Welch, Gary Bishop
August 1997 **Proceedings of the 24th annual conference on Computer graphics and interactive techniques**

Full text available: pdf(104.69 KB) Additional Information: full citation, references, citings, index terms

Keywords: Kalman filter, autocalibration, calibration, delay, feature tracking, latency, sensor fusion, virtual environments tracking

6 A control-theoretic approach to flow control
Srinivasan Keshav
August 1991 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architecture & protocols**, Volume 21 Issue 4
Full text available: pdf(1.48 MB) Additional Information: full citation, references, citings, index terms

7 Real-time estimation of the parameters of long-range dependence
Matthew Roughan, Darryl Veitch, Patrice Abry
August 2000 **IEEE/ACM Transactions on Networking (TON)**, Volume 8 Issue 4
Full text available: pdf(237.43 KB) Additional Information: full citation, references, citings, index terms

Keywords: Hurst parameter, estimation, fractal, long-range dependence, on-line, real-time, self-similar, traffic modeling, wavelets

8 Subspace methods for blind joint channel estimation and multiuser detection in CDMA systems
Xiaodong Wang, H. Vincent Poor
January 2000 **Wireless Networks**, Volume 6 Issue 1
Full text available: pdf(249.64 KB) Additional Information: full citation, abstract, references, index terms

Recently developed subspace techniques for blind adaptive multiuser detection are briefly reviewed first. In particular, blind methods based on signal subspace tracking for adapting linear multiuser detectors in AWGN CDMA channels are considered, as well as extensions of these techniques to frequency selective fading channels, dispersive channels, and antenna array spatial processing. In addition, subspace‐based nonlinear adaptive techniques for robust blind multiuser detection in non& ...

9 Parameter identification methods for metamodeling simulations
Don Caughlin
November 1996 **Proceedings of the 28th conference on Winter simulation**
Full text available: pdf(714.50 KB) Additional Information: full citation, references

10 Improving static and dynamic registration in an optical see-through HMD
Ronald Azuma, Gary Bishop
July 1994 **Proceedings of the 21st annual conference on Computer graphics and interactive techniques**
Full text available: pdf(321.33 KB) ps(1.65 MB) Additional Information: full citation, abstract, references, citings, index terms

In Augmented Reality, see-through HMDs superimpose virtual 3D objects on the real world. This technology has the potential to enhance a user's perception and interaction with the real world. However, many Augmented Reality applications will not be accepted until we can accurately register virtual objects with their real counterparts. In previous systems, such registration was achieved only from a limited range of viewpoints, when the user kept his head still. This paper offers improved regi ...

Keywords: augmented reality, calibration, registration

11 3D position, attitude and shape input using video tracking of hands and lips
Andrew Blake, Michael Isard
July 1994 **Proceedings of the 21st annual conference on Computer graphics and interactive techniques**

Full text available: pdf(341.03 KB) ps(1.65 MB) Additional Information: full citation, abstract, references, citings, index terms

Recent developments in video-tracking allow the outlines of moving, natural objects in a video-camera input stream to be tracked live, at full video-rate. Previous systems have been available to do this for specially illuminated objects or for naturally illuminated but polyhedral objects. Other systems have been able to track nonpolyhedral objects in motion, in some cases from live video, but following only centroids or key-points rather than tracking whole curves. The system described here ...

12 Stochastic version of second-order (Newton-Raphson) optimization using only function measurements
James C. Spall
December 1995 **Proceedings of the 27th conference on Winter simulation**

Full text available: pdf(579.39 KB) Additional Information: full citation, references, index terms

13 A frequency-domain analysis of head-motion prediction
Ronald Azuma, Gary Bishop
September 1995 **Proceedings of the 22nd annual conference on Computer graphics and interactive techniques**

Full text available: pdf(401.93 KB) ps(629.89 KB) Additional Information: full citation, references, citings, index terms

Keywords: HMD, augmented reality, delay compensation, spectral analysis

14 Ada Compiler Evaluation Capability (ACEC) data analysis: an overview
Air Force Systems Command
January 1990 **ACM SIGAda Ada Letters , Proceedings of the working group on Ada performance issues 1990**, Volume X Issue 3

Full text available: pdf(1.08 MB) Additional Information: full citation, references, index terms

15 Papers: ESW4: enhanced scheme for WWW computing in wireless communication environments
Stathes Hadjiefthymiades, Lazaros Merakos
October 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 5

Full text available: pdf(1.18 MB) Additional Information: full citation, abstract, references, citings

Mobile computing is considered of major importance to the computing industry for the forthcoming years due to the progress in the wireless communications domain. In this paper, we present a proxy-based architecture, called ESW4, which manages to accelerate Web browsing in wireless CPNs. Proxy caches, maintained in base stations, are constantly relocated to accompany the roaming user. We discuss a cache management scheme involving the relocation of full caches to the most candidate cells but also ...

16 On hop-by-hop rate-based congestion control
Partho Pratim Mishra, Hemant Kanakia, Satish K. Tripathi
April 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 2

Full text available: pdf(1.51 MB) Additional Information: full citation, references, index terms

17 Real-time APL prototype of a GPS system
Henry M. Beisner, Jack G. Rudd, Robert H. Benner
June 1996 **ACM SIGAPL APL Quote Quad , Proceedings of the conference on Designing the future**, Volume 26 Issue 4

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Real-time system software is notoriously hard to share and reuse. This paper walks through the methodology and application of ControlShell, a component-based programming system for real-time system software development. ControlShell combines graphical system-building tools, an execution-time configuration manager, a real-time matrix package, and an object name service into an integrated development environment. It targets complex systems that require on-line reconfiguration and strategic control ...

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atomic layer. Patterning is performed using nano-**lithography** techniques such as electron and ion-beam
soon reach a cross-over point where the size of the **model**led or simulated physical system, at the atomistic
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this required small (5m5m) electron beam **lithography** (EBL) defined mesas. Extrinsic voltage drops
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Brown et al. used a small signal RTD equivalent **model** to examine the role of intrinsic device
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that combines electroplating with conventional **lithography**, materials, and equipment. A microactuator
the rigid body. Therefore, the resulting mechanical **model** becomes that of a simple cantilever beam which is
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W. M. Simpson, R. Tarascon, and G. P. Watson, **SCALPEL** masks "BACUS/SPIE (1994)44]W. K.
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manufacturing, e.g. LiGA technology (deep X-ray **lithography**, electroforming and molding) 1-3] and sample
2525 mm 2 has been freshly cleaved with a **scalpel** in order to obtain an adsorbate-free surface
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